COSELEY URBAN DISTRICT COUNCIL.

Annual Reports

OF THE

MEDICAL OFFICER OF HEALTH

AND

CHIEF SANITARY INSPECTOR

ON THE

Public Health Services

FOR THE YEAR

1948.

Printed by Order of the Council.

WILLIAM WOOLLEY LTD., PRINTERS, ORCHARD, BILSTON

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COMMITTEES

HEALTH COMMITTEE

Chairman : Councillor Mrs. M. Pointon.
Vice-Chairman : Councillor Mrs. Webb.

Councillor Attwell
,, Bennett
,, Beach
,, Childs
,, Fieldhouse
Councillor George
,, Hill, C.C.
,, (Mrs.) Richards
,, R. J. Smout
,, (Mrs.) Turton

MATERNITY AND CHILD WELFARE COMMITTEE

Chairman : Councillor Mrs. V. Turton
Vice-Chairman : Councillor Mrs. Webb

Councillor Attwell
,, Bennett
,, Beach
,, Childs
,, Fieldhouse
Councillor George
,, Hill, C.C.
,, (Mrs.) Pointon
,, (Mrs.) Richards
,, R. J. Smout

ESTATES COMMITTEE

Chairman : Councillor E. Childs
Vice-Chairman : Councillor Attwell

Councillor Beach
,, Bennett
,, Fieldhouse
,, George
,, Hill, C.C.
Councillor (Mrs.) Pointon
,, (Mrs.) Richards
,, R. J. Smout
,, (Mrs.) Turton
,, (Mrs.) Webb

SEWERAGE COMMITTEE

Chairman : Councillor C. S. Cox
Vice-Chairman : Councillor Allen, C.C.

Councillor Bennett
,, Davies
,, Hill, C.C.
,, Millar
Councillor Smith
,, J. W. Smout
,, Waddell
,, Wathan
Councillor Watton

STAFF OF THE PUBLIC HEALTH DEPARTMENT

Medical Officer of Health and
Medical Officer for Maternity and Child Welfare
ALEXANDER J. WATT, M.B., B.Ch., B.A.O., D.P.H.
(Resigned October 1948)

W. A. MCLENNAN, M.B., Ch.B., D.P.H.
(Acting M.O.H. from October).

Chief Sanitary Inspector and Inspector of Factories—
GEORGE H. PARKES, C.R.S.I., M.S.I.A., M.I.H.

Additional Sanitary Inspector—
EDWARD R. SWIFT, Cert. S.I.B. (From June, 1948).

Pupil Sanitary Inspector—
JOHN GLYN DAVIES. (From June, 1948).

Health Visitors—
TRYPHENA NICHOLSON, S.R.N., S.C.M., R.S.I.
MARGARET GIBSON, C.M.B., S.C.M.

Senior Clerk—
MRS. E. BURGESS.

Sanitary Inspector's Clerk—
MISS L. WILKES.

Clinic Clerk—
MRS. V. STURMEY.

PART-TIME OFFICERS

Ante-Natal Clinic—
DR. J. A. NAGLE, M.B., B.C.h, B.A.O., D.P.H.

Dental Clinic—
W. G. WEBSTER, L.D.S. Eng.
C. H. MERRY, L.D.S. B'ham.
B. H. MOORE, L.D.S. B'ham.
(Until July 5th, 1948)
J. BRYDONE, L.D.S. Edin. (From July 5th).

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE YEAR 1948

To the Chairman and Members of the
Coseley Urban District Council.

LADIES AND GENTLEMEN,

For ten months of the year 1948 the work of the Public Health Department was under the care of Dr. A. J. Watt, who relinquished his appointment in October. Dr. W. A. McLennan, Area Medical Officer of Health, Rowley Regis Area, officiated in an acting capacity for the last two months of the year.

It falls to me to make a report to you on conditions and affairs of which I have no knowledge. Critical comment of any kind would therefore be a presumption on my part, and I can only refer you to the statistical tables and other factual matter appearing later in the report. This data, far from being of little interest, contains the real information on which can be judged the efficacy of the Health Services. They show the trends and it can be seen in which aspects the results of the year's work are entirely satisfactory and in which directions further efforts are required.

You will note that the live Birth Rate, reflecting the national trend, fell to 18.62 per 1,000 population. Satisfaction will be felt with the falls in the Influenza Death Rate, the Pneumonia Death Rate, the Cancer Death Rate and the Stillbirth Rate. The Death Rate itself fell from 10.83 per 1,000 population in 1947 to 8.72 per 1,000 population in 1948. The Infantile Mortality Rate showed a welcome fall to 42.27 per 1,000 live births, but this figure is still too high. Great satisfaction will be felt at the big change in the Diarrhoea and Enteritis Death Rate (children under 2 years). On the other hand, both the Respiratory Tuberculosis Death Rate and the Rate from other forms of Tuberculosis showed slight increases.

On the whole the figures indicate a year of solid achievement with some real progress.

I have the honour to be,
Ladies and Gentlemen,
Your obedient Servant,
J. T. A. GEORGE.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area of District in Acres	3,294
Population—1931 Census	25,137
Population—Reg. General' Estimate (Mid. 1948)	33,020
Rateable Value	£109,720
Amount of General Rate	19/6 in £
Sum represented by a penny rate	£431
No. of Houses on Rate Book, September 1948	8,991

VITAL STATISTICS

Extracts from Vital Statistics for the Year

Births

Number of live births registered in the district as supplied by the Registrar General .... (316 males, 299 females)	615
Birth Rate per 1,000 population	18.62
Number of Stillbirths registered in the district as supplied by the Registrar General (10 males, 9 females)	19
Stillbirth Rate per 1,000 population (Coseley) 1948	0.57
Stillbirth Rate per 1,000 live and still births	29.96

Deaths

Number of deaths occurring in the district as supplied by the Registrar General .... (163 males, 125 females)	288
Death Rate (Coseley) 1948 per 1,000 population	8.72
Puerperal Deaths :—	
(a) from Sepsis	—
(b) from other maternal causes	—
Number of Deaths of Infants under one year of age ..... (20 males, 6 females)	26
Infant Mortality Rate per 1,000 live births	42.27
Deaths from :—	
Respirator Tuberculosis Death Rate	0.73
Other forms of Tuberculosis Rate	0.03
Cancer Death Rate	1.3
Influenza Death Rate	0.06
Pneumonia Death Rate	0.39
Violence Death Rate	0.24
Diarrhoea and Enteritis Death Rate (children under two years)	0.12

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

A list of the Officials of the Health Department will be found at the beginning of this report.

1. (a) Laboratory Facilities.

The district is served very efficiently by the County Laboratory at Stafford.

Results of swabs are given below. —

TABLE A.

Disease	Results		Totals
	Negative	Positive	
Diphtheria	105	14	119
Tuberculosis	7	6	13

80 Diphtheria swabs were sent from patients by the Medical Practitioners of the District and the Medical Officer of Health sent swabs (Nose and Throat) from 39 patients.

(b) Ambulance Facilities.

One ambulance was provided by the Council and was controlled from the Council House under the supervision of the Clerk to the Council until July 4th, 1948. After that date the control of Ambulance Services passed to the Staffordshire County Council.

(c) Nursing in the Home.

The Home Nursing Services are provided by the County Council and the District Nurses occupy rooms at the Health Department, Bayer Hall.

(d) Clinics and Treatment Centres.

CLINICS	SESSIONS PER WEEK
School Minor Ailment	4
,, Consultation	1
,, Dental	5
,, Ophthalmic	½
,, Ante Natal	1½
Child Welfare	2
Diphtheria Immunisation	1

(e) Hospitals.

The District is served by the following hospitals :—

GENERAL

Royal Hospital, Wolverhampton.
Guest Hospital, Dudley.
County Public Assistance Hospitals at Sedgley and Wordsley.

MATERNITY

Women's Hospital, Wolverhampton.
Rosemary Ednam Maternity Home, Sedgley.
Sandfield House Maternity Home, Wordsley.

INFECTIOUS DISEASES

Moxley Hospital, Wednesbury.
Bilston Isolation Hospital.
Brierley Hill Isolation Hospital.

OTHER

The Eye Infirmary, Wolverhampton.

2. Midwifery and Maternity Services.

MIDWIVES.

There are six midwives practising in the district. The Service is provided by the Staffordshire County Council and the midwives co-operate with us at the Ante Natal Clinic.

Maternity Services.

Dr. J. A. Nagle, who was Obstetric Registrar at the Women's Hospital, Wolverhampton, and is now in consultant practice, conducts our Ante Natal Clinic.

Ante Natal Clinic

First attendances	455
Total attendances	2,163
No. of cases admitted to hospital	16
No. of cases admitted to Nursing Homes	42

Health Visiting

No. of visits to children under one year :—

First visits	633
Total visits	3,098

No. of visits to children between one and five years :

Total visits	2,798

Child Welfare Centre

Total attendances at Centre during the year :—

(1) By children under 1 year of age	5,037
(2) By children 1—5 years of age	418

Total number of children who attended at the Centre for first time during the year, and who, on the date of their first attendance were :—

(1) Under one year of age	360
Percentage of notified births	58.5
(2) Between the ages of 1 and 5 years	12

(All above figures relate to the whole of the year).

Total number of children who attended at the Centre during the year, and who, at the end of the year were :—

Under 1 year of age	301
Between 1 and 5 years	312

(Above figures relate to the whole of the year).

Dental Treatment

Expectant, Nursing mothers, and children under the age of five, obtained treatment as outlined below :—

	Women	Children	Total
No. of New Cases	43	24	67
Re-attendances	50	33	83
No. of Extractions under local Anaesthesia	13	—	13
No. of Extractions under Gas Anaesthesia	129	14	143
No. of Dressings	2	171	173

(The above figures relate to the whole of the year).

Hospital and Maternity Home Treatment

The Council accepted responsibility for 16 patients at the Women's Hospital, Wolverhampton, and 42 mothers were admitted to the Rosemary Ednam and Sandfield House Maternity Homes of the Staffordshire County Council. After recovery of fees the cost of treatment in all cases was £517.

Premature Infants

Ten children born in the district weighed $5\frac{1}{2}$ lbs. or less. Baby cots were available on loan from the Health Department.

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA

Water Supply.

There has been no change in the water supply to the District. Water is obtained from the South Staffordshire Water Company and from the Boroughs of Bilston and Wolverhampton.

Quite a number of stand taps still supply houses in the area.

Closet Accommodation.

There are now only a few houses in the district not connected to the Water Carriage system. This is due to the Sewer not being readily available, and in some cases the houses are too low for the Sewer.

Public Cleansing.

The Health Department is not responsible for this Service and the supervision is under the Transport, Cleansing and Stores Committee of the Council.

THE

ANNUAL REPORT

OF THE

Chief Sanitary Inspector

FOR THE YEAR 1948

To the Lady Chairman, and Members of the
Health Committee,
Coseley Urban District Council.

MADAM CHAIRMAN, LADIES AND GENTLEMEN,

I desire to submit my report on the Sanitary Administration of the District for the year 1948.

Under the "Food and Drugs Act 1938" a large amount of work was done, and it is gratifying to record the improvements in a number of food premises, also in respect to the cleanliness of premises and equipment. Much more however remains to be done.

The old, worn out and insanitary houses in the District, give much concern to the Department. It was necessary to take demolition action on 32 houses under the Housing Act, during the year.

In conclusion, I wish to thank the Lady Chairman and Members of the Health Committee for their confidence and the Medical Officer of Health for his support, also the staff for their able co-operation.

Yours faithfully,

G. H. PARKES,
CHIEF SANITARY INSPECTOR.

Routine Inspections.

The total inspections of all types numbered 5,405. The number of complaints of all types dealt with was 1,004 and 1,031 visits were paid in connection with the following up of Notices.

Notices.

Three hundred and one " Preliminary " and Two hundred and four " Abatement notices were served during the year.

Public Health Act 1936.

Legal action taken due to Notices served under the Public Health Act, 1936, not complied with were taken in the following instances :—

63a, 61, Millfields Road.
28, Ebenezer Street.
25, Rainbow Street.
15, Yew Tree Lane.
1-6, Bell Street.
47, 48, Broad Street.
42-50, Albert Street.
91, 92, Cross Street.
2, Summerhill Road.
7-9, Bloomfield Road.
4, Caledonia Street.
7-14, Wren Street.
26-29, Chell Street.

SUMMARY OF INSPECTIONS

Bakehouses	31
Complaints	1,004
Cowsheds	16
Checking re Housing of Tenants	421
Drains inspected and tested	100
Factories	48
Food preparing premises	67
Fried Fish Shops	136
Houses disinfected	200
Houses disinfested	114
Houses inspected	180
Infectious disease investigations	238
Ice Cream (Shops, etc.)	79
Meat Shops	250
Moveable Dwellings	119
Offensive Trades	56
Other Food Shops	46
Outworkers Premises	129

Summary of Inspections—*continaed*

Overcrowding enquiries	227
Pig-keeping	174
Rodent Control	60
Slaughter houses	105
Slaughter on private premises	139
Works ordered	716
Works in progress	315
Miscellaneous Visits	414
	5405

Inspection and Supervision of Foods.

During the year, 105 visits were paid to Gill's Bacon Factory, Parkfield Road, and 139 visits to private premises on the occasion of the slaughter of pigs.

The number of pigs slaughtered and inspected was as follows :

CARCASES INSPECTED AND CONDEMNED

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known)	Nil.	Nil.	Nil.	Nil.	1620
Number inspected	Nil.	Nil.	Nil.	Nil.	1620
All diseases except Tuberculosis. Whole carcases condemned	Nil.	Nil.	Nil.	Nil.	Nil.
Carcases of which some part or organ was condemned	Nil.	Nil.	Nil.	Nil.	Nil.
Percentage of the number inspected, affected with disease other than T.B.	Nil.	Nil.	Nil.	Nil.	Nil.
Tuberculosis only: whole carcases condemned	Nil.	Nil.	Nil.	Nil.	1
Carcases of which some part or organ was condemned	Nil.	Nil.	Nil.	Nil.	38
Percentage of the number inspected affected with Tuberculosis	Nil.	Nil.	Nil.	Nil.	.024

Condemned Meat and Other Foods.

		Weight approx.
38 Pigs' heads	— Affected with	
16 Pigs' frys	— Tuberculosis	659½ lbs.
1 Pig's carcase	— Generalised Tuberculosis	169 lbs.
		858½ lbs.

7-cwts, 1-qr., 16½ lbs.

Other Foods.

CANNED FOODS

	Tins		*Tins*
Beans	21	Peas	5
Beetroot	1	Pilchards	2
Beans in Tomato	5	Pea Soup	1
Beef Loaf	2	Sliced Carrots	1
Corned Beef	5	Stewed Steak	1
Camp Pie	1	Tomatoes	1
Crab Paste	1	Tomato Juice	11
Dutch Mussels	2	Ulster Broth	15
Grapefruit	2	Vegetable Gravy	1
Golden Fruit	2	Vegetable Soup	21
Milk (Evaporated)	13		
Milk (Condensed)	1		116
Marmalade	1		

PASTE IN JARS

Apples	1
Chutney	1
Fish Paste	1
Mixed Pickles	2
Pickled Onions	1
	6

VARIOUS FOODSTUFFS

Bacon	14¾ lbs.
Cheese	31½ lbs.
Ham	6 lbs.
Mac Rice	61¾ lbs.
	144 lbs.

Plum pudding mixture—20 packets

Offensive Trades.

There is only one licensed Offensive Trade (Gut Scraping) in the District. This is maintained in a clean condition, but has only been in use part-time due to the lack of intestines from home-slaughtered animals for treatment.

Fried Fish Premises.

136 Visits were paid to these premises. During the year Licenses were granted to four premises, one of which had been closed for some years. In each case they conformed with the requirements of the Sale of Foods Act.

Cowkeepers.

At the end of the year there were 10 Cowkeepers on the register.

Milk (Special Designation) Orders.

During the year the following licenses were issued :—

Supplementary—" Tuberculin Tested "—6.

" Pasteurised "—5.

Dealers : " Tuberculin Tested "—1.

" Pasteurised "—1.

Outworkers Premises.

The number of outworkers premises on the register at the end of the year was 126. No case of infectious disease was notified among workers, or in their homes.

FACTORIES ACT, 1937

The following tables give details of inspections made in accordance with the above Act.

Part I of the Act

1.—Inspections for purposes of provisions as to health (including inspections made by Sanitary Inspectors)

Premises	Number on Register	Number of		
		Inspections	Written notices	Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	Nil.	Nil.	Nil.	Nil.
(ii) Factories not included in (i) to which Section 7 applies				
(*a*) Subject to the Local Authorities (Transfer of Enforcement) Order 1938	98	79	5	Nil.
(*b*) Others	–	–	–	–
(iii) Other Premises under the Act (excluding outworkers' premises)	Nil.	Nil.	Nil.	Nil.
TOTAL	98	79	5	Nil.

2.—Cases in which **Defects** were found.

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred To H.M. Inspector	Referred By H.M. Inspector	
Want of cleanliness (S.1)	7	7	Nil.	Nil.	Nil.
Overcrowding (S.2)	Nil.	Nil.	Nil.	Nil.	Nil.
Unreasonable temperature (S.3)	Nil.	Nil.	Nil.	Nil.	Nil.
Inadequate ventilation (S.4)	Nil.	Nil.	Nil.	Nil.	Nil.
Ineffective drainage of floors (S.6)	Nil.	Nil.	Nil.	Nil.	Nil.
Sanitary Conveniences (S.7)					
(*a*) insufficient	Nil.	Nil.	Nil.	Nil.	Nil.
(*b*) Unsuitable or defective	Nil.	Nil.	Nil.	Nil.	Nil.
(*c*) Not separate for sexes	Nil.	Nil.	Nil.	Nil.	Nil.
Other offences against the Act (not including offences relating to Outwork)	Nil.	Nil.	Nil.	Nil.	Nil.
TOTAL	7	7	Nil.	Nil.	Nil.

Part VIII of the Act

OUTWORK

(Sections 110 and 111)

Nature of Work	Section 110			Section 111		
	No. of out-workers in August list required by Sect. 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel — Making, etc.	1	Nil.	Nil.	Nil.	Nil.	Nil.
Wearing apparel — Cleaning and washing						
Household linen						
Lace, lace curtains and nets						
Curtains and furniture hangings						
Furniture and upholstery						
Electro-plate						
File making						
Brass and brass articles						
Fur pulling						
Iron and steel cables and chains						
Iron and steel anchors and grapnels						
Cart gear						
Locks, latches and keys						
Umbrellas, etc.						
Artificial flowers						
Nets, other than wire nets						
Tents						

Part VIII of the Act

OUTWORK—*continued*

(Sections 110 and 111)

Nature of Work	Section 110			Section 111		
	No. of out-workers in August list required by Sect. 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Sacks .... Racquet and tennis balls .... Paper bags .... The making of boxes or other receptacles or parts thereof made wholly or partially of paper .... Brush making .... Pea picking .... Feather sorting .... Carding, etc. of buttons, etc. .... Stuffed toys .... Basket making .... Chocolates and sweetmeats .... Cosaques, Christmas crackers, Christmas stockings, etc. .... Textile weaving .... Lampshades	126	Nil.	Nil.	Nil.	Nil.	Nil.
TOTAL	126	Nil.	Nil.	Nil.	Nil.	Nil.

Disinfections.

During the year 228 dwelling houses were disinfected after cases of Scarlet Fever, Diphtheria, etc.

Disinfestations.

114 Houses were disinfested with special fluid containing not less than 5% D.D.T. (Geigy) or in some cases with Thermatox Fumigators.

Moveable Dwellings.

From time to time the district is visited by these wanderers who endeavour to settle on any land not fully enclosed, private, or Council owned, without permission. They are not concerned whether land is licenced or otherwise, and as for water supply or sanitary conveniences, that does not matter, for the habits of the majority of these people are deplorable. It has been necessary to visit 119 of these dwellings ; but I would like to mention the willing co-operation of the Police in helping to move these nomads.

Overcrowding.

The problem of overcrowding will have to be tackled, but at the moment it is difficult to say, whether the population movement is sufficiently normal to render any survey results of lasting value.

If, for example, you carry out an overcrowding survey, and from the results, formulate proposals, you must be reasonably sure that the problem to be dealt with, is the outcome of that survey, hence the necessity of ensuring that population movements are normal before making any plans governed by this factor.

Other factors also have to be given consideration such as ; will the standard laid down in the Housing Act 1936, still remain, or will a Bedroom Standard be brought into being ?

Rodent Control.

The Rodent Operator made 1,200 visits to private houses regarding Rat and Mice infestations, giving treatment and advice where necessary. He has treated various factories for which a charge is made, and although it is impossible to clear all the sites, yet we do keep the infestations down to " minors." He has also treated the sewers, the results being quite good, showing only four manholes with small takes.

He is also responsible for carrying out the disinfection and disinfestation of affected premises.

Insect Pests.

From time to time complaints are received of unidentified insect pests which cause a nuisance to the persons concerned. These are sent to the Department of Entomology, British Museum (Natural History) or to the Institute of Pestology, for identification.

In addition advice was given in regard to premises affected with Ants, Cockroaches, Crickets, Wood-beetles, etc.

Pig Keeping.

The number of applicants for permission to keep pigs has increased beyond expectation, both in private and Council owned houses. While the majority are prepared to erect suitable brick structures, with good lighting, ventilation, and well drained concrete floors, we do find that some would erect structures of old wood, old metal sheeting, perished brick floors, etc. ; but in all such cases they are told of the undesirability of these materials and after a little tact and persuasion these latter are not erected. In all cases we request that they be built not less than 50 feet from the nearest dwelling house, and this is accepted and carried into effect.

Staff.

During the year the two following appointments were made, Mr. E. R. Swift, Additional Sanitary Inspector, and Mr. J. G. Davies, as Sanitary Inspector in Training, both commenced duties on June 21st, 1948.

G. H. PARKES,
CHIEF SANITARY INSPECTOR.

SECTION D.

HOUSING

During the year 4 houses were completed by private builders, and the Council erected 140.

The re-housing of families from overcrowded and unfit houses is on a " Points " scheme operated under the Estates Committee of the Council. The Health Department does not take part in the selection of tenants, but supplies information on request.

The position of tenants in old, worn out houses does not improve, rather the reverse. Many of these old properties require drastic action, that is to say, demolition, and until such properties can be dealt with in areas, one has to be content with Demolition orders on individual houses.

SECTION E.

Inspection and Supervision of Foods.

Cowsheds and milkshops in the district are visited by the Sanitary Inspector who is also responsible for meat inspection.

The administration of the Food and Drugs Act is under the County Council.

SECTION F.

Prevalence of, and Control over, Infectious and Other Diseases.

Notifications.

During the year 662 cases of Infectious Diseases, excluding Tuberculosis were notified and a classification is given below and in Table IX.

Scarlet Fever	207
Pneumonia	54
Diphtheria	26
Erysipelas	10
Ophthalmia Neonatorum	3
Whooping Cough	180
Measles	182

The hospital treatment of Infectious Disease cost £1,663-3-10d.

Immunisation Against Diphtheria.

During the year we received 26 notifications of Diphtheria, and had 2 deaths. The percentage of immunised children in the district is not yet sufficiently high and an outbreak of diphtheria could still be dangerous in an incompletely protected community.

A total of 665 children were immunised during 1948.

Tuberculosis.

57 cases were notified and there were 25 deaths.

NOTIFICATIONS

Year.	Males	Females	Total.
1948	32	25	57
1947	29	10	39
1946	20	20	40
1945	26	18	44
1944	27	15	42

Our Health Visitors made 33 first visits and 1,386 re-visits to tuberculosis cases during the year.

TABLE I.

Deaths from various causes

	Causes of Death.	Males	Females	Total
1	Typhoid and Paratyphoid Fever	—	—	—
2	Cerebro Spinal Fever	—	—	—
3	Scarlet Fever	—	—	—
4	Whooping Cough	1	—	1
5	Diphtheria	1	1	2
6	Tuberculosis of Respiratory System	14	10	24
7	Other forms of Tuberculosis	1	—	1
8	Syphilitic Diseases	—	—	—
9	Influenza	2	—	2
10	Measles	—	—	—
11	Acute Poliomyelitis & Polio-enceph.	—	—	—
12	Acute Infectious Encephalitis	—	—	—
13	Cancer of buccal cavity & oesophagus (M) uterus (F).	2	2	4
14	Cancer of stomach and duodenum	6	3	9
15	Cancer of Breast	—	6	6
16	Cancer of all other sites	15	9	24
17	Diabetes	2	5	7
18	Intra-cranial vascular lesions	13	12	25
19	Heart Disease	26	28	54
20	Other diseases of Circulatory System	3	2	5
21	Bronchitis	20	10	30
22	Pneumonia	7	6	13
23	Other Respiratory Diseases	—	2	2
24	Ulcer of Stomach or Duodenum	1	—	1
25	Diarrhoea under 2 years	3	1	4
26	Appendicitis	—	—	—
27	Other Digestive Diseases	2	5	7
28	Nephritis	3	7	10
29	Puerperal & Post-abort. Sepsis	—	—	—
30	Other Maternal Causes	—	—	—
31	Premature Birth	7	3	10
32	Congenital Malnutrition, Birth Injury, Infantile Diseases	4	—	4
33	Suicide	5	—	5
34	Road Traffic Accident	1	1	2
35	Other Violent Causes	5	3	8
36	All other causes	19	9	28
	TOTALS	163	125	288

TABLE II.

DEATHS FROM VARIOUS CAUSES 1939-1948

	YEAR	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
	POPULATION	29,740	29,960	30,500	30,450	30,280	30,460	30,330	31,420	32,210	33,020
	CAUSE OF DEATH										
1	Heart Disease	80	54	62	51	50	47	61	65	63	54
2	Other Circulatory Diseases	7	1	6	6	4	1	5	6	7	5
3	Cerebral Haemorrhage, etc.	22	28	27	25	24	24	39	33	47	25
4	Cancer	49	41	35	30	36	40	53	39	55	43
5	Pneumonia (All forms)	24	17	37	30	32	19	14	11	21	13
6	Bronchitis	14	36	39	20	12	29	28	26	26	30
7	Other Respiratory Diseases	3	9	9	3	2	2	2	5	8	2
8	Tuberculosis of Respiratory System	21	15	20	15	28	19	15	20	18	24
9	Other Tuberculosis	2	5	7	7	5	3	4	3	–	1
10	Diabetes	3	6	4	–	5	5	1	3	2	7
11	Peptic Ulcer	–	5	3	1	2	4	–	2	5	1
12	Appendicitis	2	1	–	2	1	2	3	–	1	–
13	Diarrhoea under 2 years	5	6	2	6	4	10	5	5	5	4
14	Other Digestive Diseases	3	10	5	–	11	6	8	6	5	7
15	Acute and Chronic Nephritis	5	4	7	4	6	10	5	3	5	10
16	Syphilitic Diseases	–	–	1	1	–	–	3	1	–	–
17	Puerperal Sepsis	2	–	1	–	–	1	–	–	–	–
18	Other Maternal Causes	2	1	3	–	1	–	–	3	–	–
19	Congen. Debility. Prem. Birth, etc.	21	16	25	18	18	28	14	14	16	14
20	Suicide	4	3	3	4	3	3	3	2	2	5
21	Road Traffic Accidents	–	1	3	3	6	2	5	2	3	2
22	Other Violence	12	23	13	13	6	4	7	8	7	8
23	Influenza	2	4	7	2	9	3	3	5	5	2
24	Diphtheria	1	3	3	1	4	4	1	–	2	2
25	Whooping Cough	1	4	4	4	3	–	2	3	–	1
26	Measles	–	1	1	–	2	–	3	–	4	–
27	Scarlet Fever	1	–	–	–	–	–	–	–	–	–
28	Cerebro Spinal Fever	–	–	–	–	–	–	1	–	1	–
29	Ac. Poliomyelitis & Polio-enceph.	–	–	–	–	1	–	–	–	–	–
30	Ac. Infectious Encephalitis	–	–	–	–	–	–	–	1	–	–
31	Encephalitis Lethargica	1	–	–	–	–	–	–	–	–	–
32	Typhoid and Para. Typhoid Fevers	–	–	–	–	–	–	–	–	–	–
33	All other causes	32	62	45	39	41	30	49	37	40	28

TABLE III.

QUARTERLY SUMMARY OF DEATHS ARRANGED IN AGE GROUPS

	1st Qtr.		2nd Qtr.		3rd Qtr.		4th Qtr.		Total		Percentage
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Under 1 yr.	8	1	2	1	3	2	7	2	20	6	9.0
1—5 yrs.	1	–	1	1	–	1	–	–	2	2	1.4
5—10 yrs.	–	–	1	1	–	1	2	–	3	2	1.73
10—15 yrs.	–	–	2	–	–	–	–	–	2	–	.7
15—25 yrs.	1	4	1	1	2	3	–	2	4	10	4.86
25—35 yrs.	–	2	1	1	–	2	3	2	4	7	3.82
35—45 yrs.	1	5	–	–	4	1	3	2	8	8	5.55
45—55 yrs.	8	1	3	1	3	4	9	3	22	9	10.76
55—65 yrs.	9	2	13	6	7	5	6	4	35	17	18.0
65—80 yrs.	16	11	11	12	10	8	9	12	46	43	30.9
80 yrs. & over	5	3	5	4	2	5	5	9	17	21	13.2
TOTALS	49	29	40	28	31	34	43	26	163	125	100.00

TABLE IV.

VITAL STATISTICS DURING 1939—1948.

Year	Population Estimated to the middle of each Year	Net Births		Deaths belonging to the District			
				Under 1 yr of age		At all Ages	
		No.	Rate per 1,000 Population	No.	Rate per 1,000 Births	No.	Rate per 1,000 Population
1939	29,740	663	22.36	38	55.46	330	12.9
1940	29,960	606	20.22	34	56.12	356	14.96
1941	30,500	588	19.27	54	91.06	372	12.19
1942	30,450	657	21.53	38	57.83	168	9.62
1943	30,280	683	22.55	42	61.49	316	10.43
1944	30,460	695	22.8	45	64.7	296	9.71
1945	30,330	623	20.53	29	46.54	335	11.04
1946	31,420	652	20.74	30	46.01	302	9.61
1947	32,210	690	21.4	35	50.7	349	10.83
1948	33,020	615	19.68	26	42,26	288	8.66
Average	30,857	647	19.59	37	60.16	311	9.6

TABLE V

BIRTH-RATES, DEATH-RATES AND ANALYSIS OF MORTALITY FOR THE YEAR 1948.

	England and Wales.	126 County Boroughs and Great Towns including London.	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census).	COSELEY. 1948
	Rates per 1,000 Civilian Population.			
Live Births	17.9	20.00	19.2	18.62
Still Births	0.42	0.42	0.43	0.57
DEATHS.				
All causes	10.8	11.6	10.7	8.72
Typhoid & Para-typhoid Fevers ...	0.00	0.00	0.00	0.00
Scarlet Fever	0.00	0.00	0.00	0.00
Whooping Cough ...	0.02	0.02	0.02	0.00
Diphtheria	0.00	0.00	0.00	0.06
Influenza	0.03	0.03	0.04	0.06
Smallpox	0.00	0.00	0.00	0.00
Measles	0.00	0.00	0.00	0.00
Tuberculosis	0.51	0.59	0.46	0.73
Poliomyelitis	0.01	0.01	0.00	0.00
	Rates per 1,000 Live Births.			
Deaths under 1 year of age	34	39	36	42.27
Deaths from Diarrhoea and Enteritis under 2 years of age ...	3.3	4.5	2.1	0.12
	Rates per 1,000 Total Births (Live and Still).			
Maternal Mortality				
Puerperal Infections and Others	6.89	8.90	4.71	0.00

TABLE VI.

INFANT MORTALITY IN COSELEY DURING THE YEAR 1948.

DEATHS FROM STATED CAUSES AT VARIOUS AGES UNDER ONE YEAR.

Cause of Death.	Under one week		1—2 weeks		2—3 weeks		3—4 weeks		Total under one month		1—3 mths.		3—6 mths.		6—9 mths.		9—12 mths.		Total deaths under one year.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Measles	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Whooping Cough...	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diphtheria	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
T. B. Meningitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Abdominal T. B.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Meningitis (not T. B.)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bronchitis ...	–	–	–	–	–	–	1	–	1	–	1	–	–	–	–	–	–	–	2	–
Pneumonia (All forms)	–	–	–	–	–	–	1	1	1	1	1	1	3	–	–	–	–	–	5	2
Other Respiratory Diseases ..	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diarrhoea and Enteritis ...	–	1	–	–	–	–	1	–	1	1	–	–	1	–	–	–	–	–	2	1
Convulsions	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	1
Congenital Debility	2	–	–	–	1	–	–	–	3	–	–	–	–	–	–	–	–	–	3	–
Marasmus	–	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	2	–
Violence	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Prematurity ...	4	2	–	–	–	–	1	–	5	2	–	–	–	–	–	–	–	–	5	2
Other Diseases	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–
TOTAL	6	3	–	–	1	–	4	1	11	4	4	2	4	–	–	–	1	–	20	6

TABLE VII.

DEATHS IN INSTITUTIONS DURING 1948.

	Males				Females				Total			
	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
Royal Hospital, W'hampton	3	5	3	3	3	–	1	1	6	5	4	4
Women's Hospital, W'hampton	–	–	–	1	–	–	–	–	–	–	–	1
Guest Hospital, Dudley	–	–	–	2	1	–	–	1	1	–	–	3
Burton Road	3	11	3	1	4	2	2	5	7	13	5	6
P.A. Institution, Sandfield House, Wordsley	2	–	–	1	–	–	–	–	2	–	–	1
County Mental Hospital	–	–	–	–	–	–	–	–	–	–	–	–
Infectious Diseases Hospital	2	–	–	2	–	–	1	–	2	–	1	2
Sanatoria	–	–	1	–	–	–	–	1	–	–	1	1
Others	2	2	2	5	1	4	2	5	3	6	4	10
Totals	12	18	9	15	9	6	6	13	21	24	15	28
Yearly .	54				34				88			

TABLE VIII.

DEATHS FROM SPECIFIED INFECTIOUS DISEASES 1939-1948.

	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
Enteric Fever	–	–	–	–	–	–	–	–	–	–
Scarlet Fever	1	–	–	–	–	–	–	–	–	–
Diphtheria	1	3	3	1	4	4	1	–	2	2
Whooping Cough	1	4	4	4	3	–	2	3	–	1
Diarrhoea (Under 2 years)	5	6	2	6	4	10	5	5	5	4
Measles	–	1	1	–	2	–	3	–	4	–
TOTALS	8	14	10	11	13	14	11	8	11	7

TABLE IX.

AGE GROUPS OF INFECTIOUS DISEASES (EXCLUDING TUBERCULOSIS AND REVISED DIAGNOSIS) NOTIFIED IN 1948

Disease	At the Ages Specified																							
	Under 1 yr.		1–2		2–3		3–4		4–5		5–10		10–15		15–25		25–45		45–65		65 & over.		At all ages.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Enteric Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scarlet Fever	–	–	1	5	4	8	13	6	12	20	36	55	11	20	3	2	1	5	–	1	–	–	81	122
Diphtheria	–	–	–	–	1	–	1	–	–	–	7	6	3	5	–	1	–	2	–	–	–	–	12	14
Pneumonia	3	–	2	–	1	2	5	–	–	3	4	1	2	1	1	1	6	8	7	3	3	1	34	20
Ophthalmia Neonatorum	2	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	1
Erysipelas	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	2	–	2	3	1	1	5	5
Cerebro-Spinal Meningitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Encephalitis Lethargica	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dysentery	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Whooping Cough	6	12	9	10	14	13	15	17	10	8	32	33	–	1	–	–	–	–	–	–	–	–	86	94
Measles	5	8	7	3	12	14	13	11	15	16	49	26	1	2	1	–	–	–	–	–	–	–	102	80
Acute Poliomyelitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Smallpox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Totals	16	21	19	18	32	37	47	34	37	47	128	121	17	29	5	5	9	15	9	7	4	2	322	336

TABLE X.

AGE GROUPS OF DEATHS FROM NOTIFIABLE DISEASES DURING 1948.

Disease	Ages in Years.																									
	Under 1 yr.		1–2		2–3		3–4		4–5		Under 5		5–10		10–15		15–20		20–25		25–35		35–45		45–65		65 & over		Total	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Diphtheria	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Scarlet Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Respiratory Tuberculosis	–	–	–	1	–	–	1	–	–	–	1	1	–	–	–	–	–	2	1	2	1	3	3	1	8	1	–	–	14	10
Non-Respiratory Tuberculosis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	1	–
Acute Poliomyelitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebro Spinal Meningitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pneumonia	5	2	–	–	–	–	–	–	–	–	5	2	–	–	–	–	–	–	–	–	–	–	1	2	1	2	–	–	7	6
Ac. Inf. Encephalitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Smallpox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Whooping Cough	1	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–
Totals	6	2	–	1	–	–	1	–	–	–	7	3	1	1	–	–	1	2	1	2	1	3	4	3	9	3	–	–	24	17

TABLE XI.

DISEASES NOTIFIED (EXCLUDING TUBERCULOSIS) DURING 1948.

Disease.	Total Cases Notified.	Admitted to Hospital.	No. of Cases Revised.	Total Deaths.
Enteric Fever	—	—	—	—
Diphtheria	31	31	5	2
Scarlet Fever	207	121	4	—
Cerebro Spinal Fever	—	—	—	—
Pneumonia	54	—	—	13
Erysipelas	10	—	—	—
Puerperal Pyrexia	—	—	—	—
Ophthalmia Neonatorum	3	—	—	—
Acute Poliomyelitis	2	2	2	—
Whooping Cough ...	180	1	—	1
Measles ...	182	—	—	—
Dysentery ...	—	—	—	—
Totals	669	155	11	16

TABLE XII.

MONTHLY NOTIFICATION OF INFECTIOUS DISEASES.

Months.	Diphtheria	Scarlet Fever	Erysipelas	Pneumonia	Ophthalmia Neonatorum	Puerperal Pyrexia	Cerebro-Spinal Meningitis	Enteric Fever	Whooping Cough	Measles	Smallpox	Totals.
January	1	11	2	4	1	–	–	–	14	4	–	37
February	1	8	–	6	–	–	–	–	13	3	–	31
March	–	14	–	5	–	–	–	–	15	4	–	38
April	–	14	1	6	–	–	–	–	40	10	–	71
May	–	8	–	3	1	–	–	–	10	15	–	37
June	1	35	–	4	–	–	–	–	18	8	–	66
July	8	55	2	1	1	–	–	–	27	50	–	144
August	3	14	1	2	–	–	–	–	17	16	–	53
September	4	12	–	5	–	–	–	–	8	8	–	37
October	6	7	3	3	–	–	–	–	12	31	–	62
November	5	14	1	7	–	–	–	–	4	19	–	50
December	2	15	–	8	–	–	–	–	2	14	–	41
Totals	31	207	10	54	3	–	–	–	180	182	–	667

TABLE XIII.

NEW CASES AND DEATHS FROM TUBERCULOSIS, 1948.

Age Groups.	New Cases				Total New Cases		Deaths				Total Deaths	
	Pulmonary		Non-Pulmonary				Pulmonary		Non-Pulmonary			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
0— 1 Years	–	–	–	–	–	–	–	–	–	–	–	–
1— 5 ,, ...	1	1	–	–	1	1	1	1	–	–	1	1
5—10 ,, ...	–	–	1	–	1	–	–	–	–	–	–	–
10—15 ,, ...	1	–	–	–	1	–	–	–	–	–	–	–
15—20 ,, ...	2	2	3	–	5	2	–	2	1	–	1	2
20—25 ,, ...	–	7	–	1	–	8	–	3	–	–	–	3
25—35 ,, ...	10	6	–	1	10	7	2	2	–	–	2	2
35—45 ,, ...	5	3	–	1	5	4	2	1	–	–	2	1
45—65 ,, ...	8	3	–	–	8	3	8	1	..	–	8	1
65 & over	1	–	–	–	1	–	1	–	–	–	1	–
Totals	28	22	4	3	32	25	14	10	1	–	15	10

TABLE XIV.

DEATHS FROM TUBERCULOSIS DURING THE YEARS 1943-1948.

Year.	Deaths.				Total Deaths.	
	Pulmonary		Non-Pulmonary			
	M.	F.	M.	F.	M.	F.
1943	19	9	4	1	23	10
1944	11	8	2	1	13	9
1945	10	5	3	1	13	6
1946	10	10	2	1	12	11
1947	7	11	–	–	7	11
1948	14	10	1	–	15	10

TABLE XV.

CANCER DEATHS—AGE GROUPS AND PARTS AFFECTED.

	1–15 years.		15–25 years.		25–35 years.		35–45 years.		45–65 years.		65 yrs. & over		Total.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Tongue, Lip, Mouth, ...	–	–	–	–	–	–	–	–	1	–	–	–	1	–
Gullet	–	–	–	–	–	–	–	–	–	–	1	2	1	2
Stomach	–	–	–	–	–	–	–	–	1	1	5	2	6	3
Bowel or Abdomen ...	–	–	–	–	–	–	1	–	2	--	2	2	5	2
Rectum	–	–	–	–	–	–	–	–	–	1	–	–	–	1
Lung	–	–	–	–	–	–	–	1	2	–	1	–	3	1
Breast	–	–	–	–	–	–	–	1	–	2	–	3	–	6
Womb or Ovaries ...	–	–	–	–	–	–	–	–	–	1	–	–	–	1
Ext. Genitals ...	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Liver, Kidney, etc. ...	–	–	–	–	–	–	–	–	2	–	–	1	2	1
Bones	–	–	–	–	–	–	–	–	1	–	–	–	1	–
Heart	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Miscellaneous	–	–	–	–	–	–	1	1	1	2	2	–	4	3
Totals	–	–	–	–	–	–	2	3	10	7	11	10	23	20
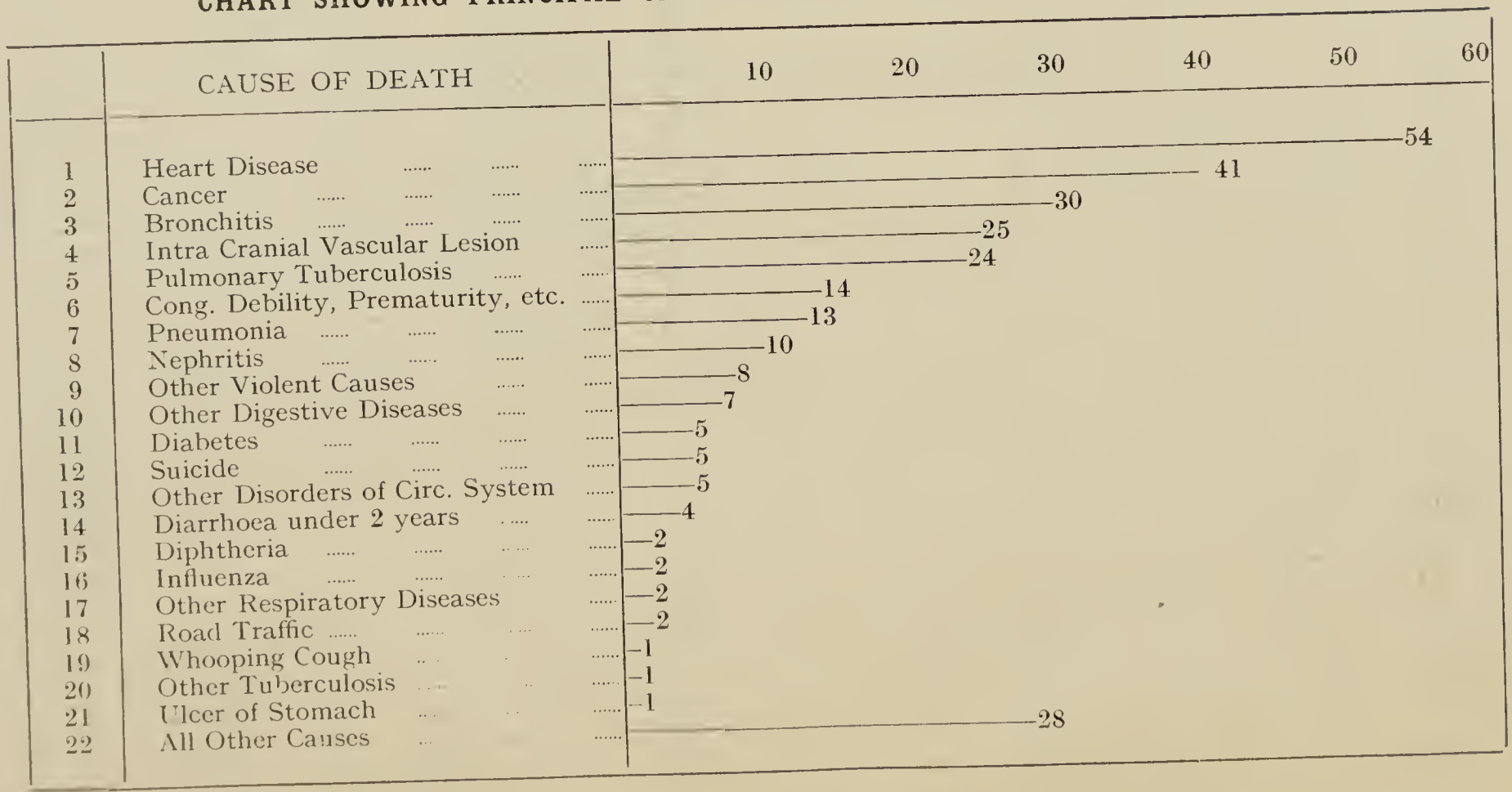
CHART SHOWING PRINCIPAL CAUSES OF DEATH IN COSELEY IN 1948